



White Pine County Sheriff's Office

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SCOTT HENRIOD

Sheriff

JAIME SWETICH

Captain

November1, 2021

TO: Mayor Robertson and Ely City Council Members

RE: Traffic Study North Street and Nevada Ave.

FR: Sheriff Scott Henriod

On October 21, 2021 through October 29, 2021 the White Pine County Sheriff's Office deployed its speed trailer at the intersection of North Street and Nevada Ave, located in the City of Ely. This was done as directed by the Ely City Council to conduct a traffic study for that location. During this period of time, 4,277 vehicles traveled through this intersection. The speeds recorded were not excessive, but did show times of violations. The volume of traffic was recorded as heavy. Checking the Sheriff's Office Records Management System I did not locate any vehicle accidents at that intersection in the last year. I have attached a copy of the results for your review. My recommendation is to leave the traffic control devises in place.

Respectfully,

Sheriff Scott Henriod

Place Currently Not Set
Traffic Survey Summary

Location: North Street @ Nevada Av
Start Date: 10/21/2021
End Date: 10/29/2021

Zone: Residential
Start Time: 08:51:41
End Time: 03:30:59
Travel Direction: E

Speed	1 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 999
Volume	3901	251	50	61	14	0	0	0	0	0	0	0
% of Total	91.2%	5.86%	1.16%	1.42%	0.32%	0%	0%	0%	0%	0%	0%	0%
									Total Vehicles: 4277			

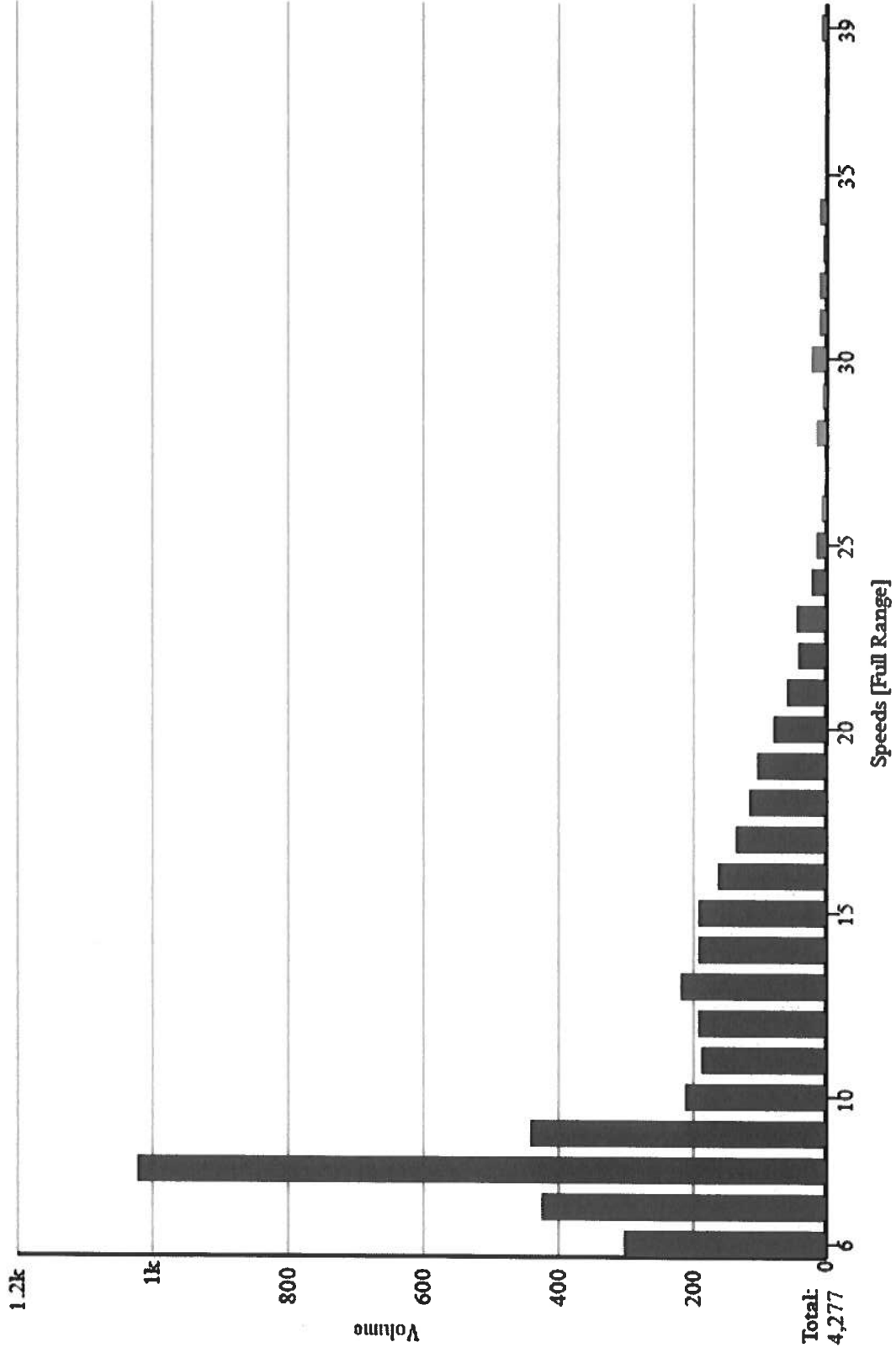
Speed Statistics		10 MPH Pace		Number Exceeding Limit				
Posted	20	Pace Speed	6 to 15	Speed	20+	30+	40+	Total
#At/Under Limit	3981	# in Pace	3382	Number	245	51	0	296
# Over Limit	296	% in Pace	79.07%	Percent	5.72%	1.19%	0%	6.92%
Average Speed	11.68	85% Percentile	17					

Place Currently Not Set
Speed/Volume Graph

Location: North Street @ Nevada Av
Dates: 10/21/2021 to 10/29/2021

Zone: Residential
Speed Limit: 20 MPH

Travel Direction: E



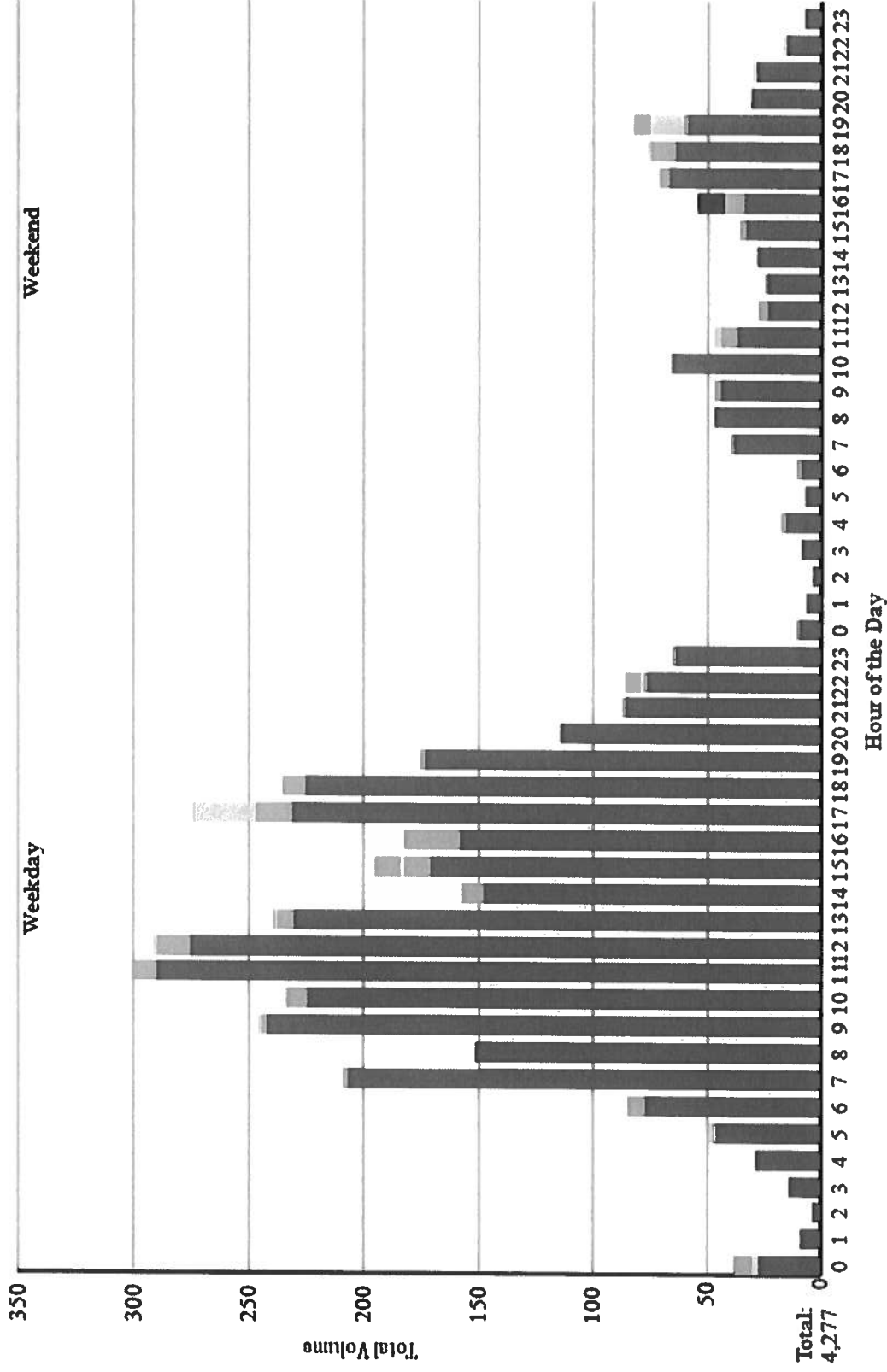
Place Currently Not Set Speed/Time/Volume Graph

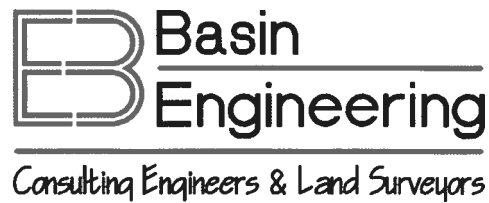
Location: North Street @ Nevada Av
Dates: 10/21/2021 to 10/29/2021

Travel Direction: E

Zone: Residential
Speed Limit: 20 MPH

■ ≤20 ■ 21-25 ■ 26-30 ■ 31-35 ■ 36-40 ■ 41+





Date: November 3, 2021

To: Jennifer Lee, City Clerk

RE: Traffic Count Study for North Street and Ogden

We have reviewed the Traffic Count Study and have analyzed the results based on engineering recommendations contained in The Manual of Uniform Traffic Control Devices (MUTCD) for Streets and Highways as approved by the Federal Highway Administration.

The total traffic count of 4,277 vehicles is for a time frame of approximately 7.5 days or an average of 571 vehicles per day. The busiest hour is the weekday hour of 11 AM and averages 60 vehicles per hour. Per the engineering standards contained in the MUTCD, this volume of traffic does not meet the minimum suggested averages of 2,000 vehicles per day, 300 vehicles per hour, and no history of vehicle accidents to warrant stop signs.

Our recommendation is for the stop signs to remain for the traffic on Ogden and if the Council decides, they can remove the stop signs for the traffic on North Street and establish North Street as the through street. If the stop signs are removed from North Street, "Cross Traffic Does Not Stop" plaques shall be installed on the Ogden stop signs.

If you have any questions, please feel free to contact our office.

Sincerely

BASIN ENGINEERING CORPORATION

Emil Almberg

Emil (B.J.) W. Almberg, Jr., P.E.
Principal